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### Strip-Loaded Optical Waveguide

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#### ABSTRACT

An optical waveguide device is described comprising an optical input, an optical output and a strip-loaded waveguide connected between the input and the output. The device further includes an additional material positioned adjacent a portion of the  
10 waveguide, the material having a higher refractive index than the waveguide such that an optical signal guided by the waveguide will at least partially couple into the material.

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